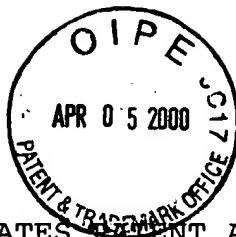


35.C13982



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

TETSUYA YANO ET AL.

Application No.: 09/430,029

Filed: October 29, 1999

For: DNA FRAGMENT CARRYING  
TOLUENE MONOOXYGENASE  
GENE, RECOMBINANT  
PLASMID, TRANSFORMED  
MICROORGANISM, METHOD  
FOR DEGRADING  
CHLORINATED ALIPHATIC  
HYDROCARBON COMPOUNDS,  
AND METHOD FOR  
ENVIRONMENTAL  
REMEDIATION

Examiner: Unassigned

Group: Unassigned

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APR 14 2000

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APR 06 2000

APR 11 2000

TECH CENTER 1600/2900

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April 3, 2000

Assistant Commissioner for Patents  
Washington, D.C. 20231

SUBMISSION OF CORRECTED COMPUTER READABLE  
FORM AND AMENDMENT OF SEQUENCE LISTING  
UNDER 37 C.F.R. §§ 1.821(e) and 1.825

Sir:

Applicants submit herewith a substitute copy of the  
Computer Readable Form ("CRF") under 37 C.F.R. §§ 1.821(e)  
and 1.825. The contents of the CRF and the Sequence Listing  
filed herewith are the same. In conformity with 37 C.F.R.  
§1.825(b), the copy of the Sequence Listing in the corrected  
CRF is the same as the attached Paper Copy.

This amendment corrects typographical mistakes in  
as follows:

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At page 86, in <222>, nucleotide numbering "462"  
should read -463--.

At page 96, in <211>, "76" should read --70--.

At page 96, in <400>2, at the beginning of the  
amino acid sequence, delete "Met Glu Thr Ala Pro Ile" and  
begin numbering of the other amino acids at 1.

At page 96, in <211>, "355" should read --331--.

At page 96, in <400>3, at the beginning of the  
amino acid sequence, delete "Arg Ser Ala Ala Asn Ser Arg Ser  
Arg Gly Ser Thr Ser Lys Arg Thr His Asp Leu Glu Glu Glu Glu  
Val" and begin numbering of the other amino acids from 1.

At page 100, in <211>, "352" should read --354--.

At page 102, in <400>7, add --Arg Val-- after "Leu  
Phe Arg" at the end of the amino acid sequences.

A hand-corrected copy of the originally submitted  
Sequence Listing is also attached for the Examiner's  
convenience.

In conformity with 37 C.F.R. §1.825(a), support for the amendment is found in the specification as filed and the amendment includes no new matter.

Specification at page 58, lines 18-23, indicates that the coding region <222> beginning with the base of number 463 (not 642) is designated as TomL <223>.

TomK is encoded by the nucleotide sequence beginning with the base 234 to base 443 as in SEQ ID: NO.1 as described on page 58, lines 12-17. Therefore, in the sequence SEQ ID: NO.2 (<216>2), the TomK polypeptide sequence has been corrected to delete the extra six acids at N terminus. In <211> on page 96 "76" now reads --70--.

Sequence ID: NO.3 <210>3 corresponding to the TomL polypeptide sequence is incorrect on page 96. An extra 24 amino acids are present at N terminus, i.e. Arg . . . Val. TomL is encoded by the nucleotide sequence 463-1455 designated in SEQ ID: NO.1 as described on page 58, lines 18-23. On page 87 it is seen that the amino acids in the sequence beginning with Met Thr . . . . and do not contain the erroneous Arg . . . Val sequence. On page 96 <211> 355 now reads <211> 331.

In SEQ ID: NO.7 <210> 7 the portion corresponding to TomP polypeptide sequence erroneously failed to recite Arg

and Val at C terminus. In SEQ ID: NO. 1 on page 95 at 4871, Arg and Val are present. On page 100, <211> 352 now reads <211> 354.

Please substitute the paper copy of the attached Sequence Listing in place of the Sequence Listing on pages 86-103 of the specification as originally filed.

Entry hereof is earnestly solicited.

Applicants' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our below listed address.

Respectfully submitted,

  
\_\_\_\_\_  
Attorney for Applicant

Registration No. 24947

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